**計畫徵求**

**公開徵求2019~2021年臺加(MOST-NRC)雙邊共同合作研究計畫**

本部與加拿大國家研究院(National Research Council, NRC)在雙邊科技合作瞭解備忘錄架構下，已議定推動雙邊共同合作研究計畫，本期2019~2021年度合作計畫主題如下：

     1.  Hardware building blocks for IoT:

Autonomous power supply for devices harvesting energy from different sources in surrounding environment combined with super capacitors; low power electronics/circuits for IoTs; sensors for medical devices; image based sensing to support medical devices; textiles and printable electronics.

 2. Medical application sector:

Bioinformatics for imaging; neuromorphic computing, big data, data fusion, systems of systems; brain imaging mapping; neural network computing, edge computing + video processing for elderly care; biomarker discovery, drug discovery/repurposing – genomics + clinical data.

請申請者依本申請須知所述方式，向本部申請「雙邊協議型擴充加值(add-on)國際合作計畫」經費。

附加檔案

[公開徵求2019-2021臺加(MOST-NRC)雙邊共同合作研究計畫申請須知](https://tiv-mostweb.most.gov.tw/most-backend/attachments/8522fc03-b28a-43c9-8e55-c2d4fc268859/preview) [NRC-MOST and ITRI Cooperative Research Projects Joint Call for Proposals](https://tiv-mostweb.most.gov.tw/most-backend/attachments/411d27b6-f84f-4a44-a153-91349427a0a1/preview)